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**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address indicated below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" maintenance fee notifications.

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23552 7590 01/26/2005

**MERCHANT & GOULD PC**  
**P.O. BOX 2903**  
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Carla J. Mauch (Depositor's name)

Carla J. Mauch (Signature)

April 5, 2005 (Date)

04/08/2005 WABDEL3 00000088 09768723

01 FC:1501 1400.00 OP  
 02 FC:1504 300.00 OP  
 03 FC:8001 33.00 OP

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/768,723	01/24/2001	Nan Zhang	2316.1272US01	1220

TITLE OF INVENTION: MEMS OPTICAL SWITCH ON A SINGLE CHIP AND METHOD

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	04/26/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
WANG, GEORGE Y	2871	385-018000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Merchant &amp; Gould P.C.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

ADC TELECOMMUNICATIONS, INC.

EDEN PRAIRIE, MINNESOTA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☒ Publication Fee (No small entity discount permitted)  
☒ Advance Order - # of Copies 11

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- ☒ A check in the amount of the fee(s) is enclosed.  
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☐ The Director is hereby authorized by charge the required fee(s), or credit any overpayment Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Karen A. Fitzsimmons

Date

April 5, 2005

Typed or printed name Karen A. Fitzsimmons

Registration No. 50,470

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 14 Alexandria, Virginia 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: ZHANG ET AL.  
Serial No.: 09/768,723  
Filed: JANUARY 24, 2001  
Confirmation No.: 1220

Examiner: G. WANG  
Group Art Unit: 2871  
Docket: 2316.1272US01  
Notice of Allow. Date: JANUARY 26, 2005

Due Date: APRIL 26, 2005

Title: MEMS OPTICAL SWITCH ON A SINGLE CHIP AND METHOD

**CERTIFICATE UNDER 37 CFR 1.8:**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Mail Stop Issue Fee, Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 April 5, 2005.

By:   
Name: Carla J. Mauch

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
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**23552**

PATENT TRADEMARK OFFICE

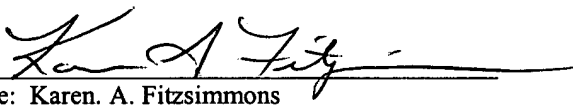
Sir:

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- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Issue Fee Transmittal Part B (PTOL - 85)
- ☒ Check in the amount of \$1700 for Issue Fee (\$1400) and Publication Fee (\$300)
- ☒ Check in the amount of \$33 for 11 Advanced Patent Copies
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By:   
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